

**ADVERTISEMENT FOR BIDS
FOR
NEW TWO MAN BUCKET TRUCK
NEW KNUCKLE BOOM LOADER AND CHASSIS
NEW DUMP TRUCK
CITY OF RIDGELAND, MISSISSIPPI**

Notice is hereby given that the City of Ridgeland, Mississippi will receive sealed bids for each of the following:

**NEW TWO MAN BUCKET TRUCK
NEW DUMP TRUCK
NEW KNUCKLE BOOM LOADER AND CHASSIS**

UN-PRICED BID PROPOSALS will be accepted until the hour of **11:00 AM, local time, on TUESDAY, DECEMBER 31, 2019** in sealed envelopes **CLEARLY MARKED SOLICITATION FOR BID**, at the Ridgeland Public Works Department main office located inside Ridgeland City Hall at 304 Highway 51, Ridgeland, MS 39157, or by electronic bid submission at www.centralbidding.com. Submissions will be evaluated and vendors submitting acceptable offers will be invited to submit priced bids during the electronic reverse auction.

Bidding will be held by electronic reverse auction at:

10:00 AM, local time, ON WEDNESDAY, JANUARY 8, 2020 FOR THE NEW TWO MAN BUCKET TRUCK
11:00 AM, local time, ON WEDNESDAY, JANUARY 8, 2020 FOR THE NEW DUMP TRUCK
1:00 PM, local time, ON WEDNESDAY, JANUARY 8, 2020 FOR THE KNUCKLE BOOM LOADER & CHASSIS

Electronic reverse auction bids can be submitted at www.centralbidding.com. Please contact Central Bidding at 225-810-4814 if you have any questions relating to the electronic bidding process.

The Specifications and Contract Documents may be obtained from the Ridgeland Public Works Department main office located inside Ridgeland City Hall at 304 Highway 51, Ridgeland, MS 39157, (601) 853-2027, renee.buckner@ridgelandms.org. The Specifications and Contract Documents may also be downloaded at www.centralbidding.com for a fee. All bids must comply with the specifications provided. The City of Ridgeland reserves the right to amend the specifications and contract documents as necessary prior to bid, and agrees to notify all having requested bid packets. The City of Ridgeland reserves the right to accept or reject any and all bids and to waive any and all informalities.

Contracts for purchase will be made from the lowest and/or best bids submitted, but the Mayor and Board of Aldermen reserve the right to reject any and all bids, and accept or reject any part of a bid.

CITY OF RIDGELAND, MISSISSIPPI

BY: /s/ Paula Tierce
Paula Tierce, City Clerk

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Furnish proof of publication to: Paula Tierce, City Clerk, paula.tierce@ridgelandms.org (601-856-7113)
renee.buckner@ridgelandms.org (601-853-2027)
Ridgeland City Hall
304 Highway 51
Ridgeland, MS 39157

Send invoice to: Paula Tierce, City Clerk,
City of Ridgeland;
P.O. Box 217
Ridgeland, MS 39158
(601-856-7113)

City of Ridgeland, MS
BID SPECIFICATIONS FOR:
KNUCKLE BOOM LOADER & CHASSIS
Bid Date January 8, 2020 at 1:00 pm

NOTICE AND INSTRUCTIONS TO VENDORS

ONE OR MORE KNUCKLE BOOM LOADER AND CHASSIS.

Bidders representing multiple product types or brands of equipment that meet or exceed the specifications must submit separate bids for each piece of equipment.

THE MANUFACTURER SHALL HAVE PRODUCED KNUCKLE BOOM EQUIPMENT FOR A PERIOD OF AT LEAST 5 CONSECUTIVE YEARS. PRIOR TO DATE OF THIS BID'S PUBLICATION. APPROPRIATE MANUFACTURER LITERATURE MUST BE SUBMITTED WITH YOUR BID TO SUBSTANTIATE COMPLIANCE WITH SPECIFICATIONS. BIDS WHICH FAIL TO INCLUDE NECESSARY LITERATURE, OR CONTAIN LITERATURE THAT CONTRADICTS BID ASSERTIONS, MAY BE REJECTED.

Each bidder must certify that they meet all of the following specifications to qualify for bidding. Once the certifications are received the City will review and approve the submittal. The City will then conduct an on line auction in accordance with the Laws of the State of Mississippi.

The City of Ridgeland reserves the right to reject any and all bids. The Board also reserves the right to reject any and all bids based in errors in formula(s).

The Board reserves the right to waive minor technicalities on bid proposals when it is in the best interest of the City of Ridgeland.

If award is made by the Board, a Contract and/or Purchase Order will be forwarded to the successful bidder. Any action taken by a bidder prior to receipt of the properly executed Contract and/or Purchase Order document by the City of Ridgeland Purchase Officer will be at the bidder's OWN RISK and the City of Ridgeland will not be liable for such action.

All submitted bids must be honored for a minimum of 90 days after the bid opening date to allow proper time for the Board to evaluate the proposals, make an award decision, and initiate the Purchase Order process.

DELIVERY

A complete unit, with parts/service/maintenance manual, shall be delivered FOB Ridgeland, MS with the vendor assuming all liabilities and cost of transport to their facility. These specifications are minimum standards and are not intended to exclude comparable equipment of any domestic manufacturer.

Bidder shall complete every space in the specification with a "Yes" to indicate if the item bid is exactly as specified. If not, the "No" column must be checked and a detailed description of the deviation from the specification must be supplied, using a separate page if necessary.

Omission of a detailed description or specification of any point shall be regarded as meaning that only the best commercial practice shall prevail and that only material of first quality and correct type, size, and design are to be used.

BID REQUIREMENTS

LOADER SPECIFICATIONS	VENDOR'S RESPONSE	Y/N-EXCEPTIONS
1.0 BOOM:		
1.1 Minimum Boom length to be 16ft. with 4ft. telescoping section to 20ft.		
1.2 Minimum lift capacity to be 3,300 Lbs. @ 20ft. including grapple.		
1.3 Boom Pedestal to be constructed of High Strength Steel, providing a 3:1 safety factor.		
1.4 All hydraulic hoses located at the operator position (Boom Pedestal) must be enclosed in the pedestal base. Access provided by an easily removable steel cover.		
1.5 Minimum boom rotation of 270 degrees minimum with mechanical stops for safety. Stops must be welded into machined recesses to ensure non-movement. Pedestal stop must have a minimum of three (3) square inches and have a nylon contact with pivot stops and a minimum width of five (5) inches.		
1.6 Boom rotation shall be accomplished by a direct hydraulic swing drive.		
1.7 Entire Boom Assembly shall be designed with a tensile strength to provide a safety factor of 3 to 1 at the rated load capacity.		
1.8 Tip Boom shall be constructed from a 5" x 7" x 1/4" High Strength Steel Tube.		
1.9 Main Boom shall be equipped with mechanical stops to prohibit hydraulic cylinders from bottoming out. Extend boom stops must be easily accessible and removable for service. Boom will have bushings to utilize a 2" main boom hinge pin, 1 1/2" cylinder connection pin and a 2 1/4" hardened tip boom hinge pin. All through boom, hydraulic tubes will be installed between the top surface of main boom tubes.		
1.10 Boom pedestal to be mounted directly to the chassis frame rails. Mounting must include inside frame rail supports at the mounting points.		
1.11 The entire boom must be serviceable down to the component level, e.g., every hydraulic hose, fluid tubes, bracket, pin, etc.		
1.12 Telescopic tip extension shall be equipped with replaceable nylon bearings on all 3 sides with roller on bottom. Bearings must be easily accessible for replacement and have "auto-hose-slack" take-up.		
1.13 All boom connections requiring pins shall be equipped with replaceable bushings and heat-treated pins.		
1.14 All operating functions shall be hydraulically controlled from the operator station located both on the left and right hand side of the loader.		

1.15 Two stage tandem pump allows for multiple function control of the loader.

1.16 Operator controls shall be controlled by means of hydraulic joysticks located on both sides of the loader (two per side, three functions per joy stick)

1.17 A safety feature shall be provided to allow only one side of control to function at a time. Joy sticks shall function only from one side at a time.

1.18 Joy sticks shall not require any lubrication thereby eliminating any frequent maintenance.

1.19 Body dumping is controlled by a single lever at the center of the operator's platform separate from any other control. Proper enclosures shall be provided to protect operator from hydraulic fluid and components. All controls shall be clearly identified as to function.

2.0 Trash Grapple\Bucket:

2.1 Bucket shall have a 360 degree continuous rotating grapple with a replaceable hydraulic swivel. Swivel shall not be welded or be an integral part of the grapple.

2.2 Bucket is to be opened and closed by (2) hydraulic cylinders with a closing force\“bite” of minimum 3,600 lbs.

2.3 Bucket is to be minimum 4' long and capable of opening up to 60 inches from lip to lip.

2.4 Bucket shall be fabricated with a bolt on replaceable H.S.H.C. steel cutting edge.

2.5 Bucket cylinders and hoses shall be enclosed by a removable steel cover.

3.0 Hydraulics:

3.1 It shall have a dual level/oil temperature gauge on side of tank. An in-tank suction strainer is included.

3.2 The return line replaceable filter mounted on outside of reservoir.

3.3 Cut-off valves are to be provided for both pressure and suction.

3.4 Main boom, tip boom and outrigger hydraulic cylinders shall contain pilot operated check valves as an integral part of each cylinder to prevent boom movement in the event of hydraulic hose failure. Bolt on pilot operated check valves will not be permissible.

3.5 All hoses shall be rated at minimum 4,000-psi working pressure.

3.6 Port tubing through the main boom shall be stainless steel tube.

4.0 Power Source:

4.1 Unit to be mounted on any chassis that meets the manufactures recommended specification.

5.0 Throttle Control:

5.1 Unit to have an electric operated throttle control to maintain proper engine speed when loader is operated under load. Switch for throttle control to be mounted on operator's platform for operator's convenience.

5.2 Throttle speed-up shall operate only when the transmission is in the neutral position.

[illegible]

9.2 Oval, amber LED strobes in rear corner posts of body with alternating flash pattern.

10.0 Paint:

10.1 Body exterior shall receive (1) coat of high-grade primer and (2) coats of high-grade standard enamel paint.

10.2 Body interior shall receive (1) coat of high-grade primer.

11.0 Safety Rear Bumper:

11.1 body shall have a rear safety bumper bumper to meet U.S. department of transportation federal motor carrier safety administration, part 571.233 for rear impact guards and part 571.224 for rear impact protection.

12.0 Paint:

12.1 Loader shall receive (1) coat of high- grade primer and (2) coats of high-grade enamel paint (manufacturer's standard colors).

12.2 body exterior shall receive (1) coat of high-grade primer and (2) coats of high-grade standard enamel paint.

12.3 body interior shall receive (1) coat of high-grade primer.

13.0 Warranty:

13.1 Bidder must provide all warranties required below. Failure to provide such warranties may result in your bid being deemed non-responsive.

13.2 Entire unit to have a 3 year parts and labor warranty

13.3 3 year warranty on gear box and slewing ring

13.4 3 year structural warranty.

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CHASSIS SPECIFICATIONS

VENDORS RESPONSE, Y/N - EXCEPTIONS

1.0 Engine:		
1.1 Minimum 300 H.P. 6 Cylinder Diesel w/ 660lb/ft.		
1.2 Positive and Negative Post for Jumpstart.		
Positive load disconnect with cab mounted control switch		
Transmission:		
2.1 Allison 3000 RDS w/ PTO Provision, 6 speed w/auto neutral and push button shift control on dash		
2.2 Engine remote interface with preset fast idle.		
2.3 Engine remote interface connector mounted back of cab.		
2.4 Water to Oil Transmission Cooler		
2.5 Synthetic Transmission Fluid (TES-295 compliant)		
3.0 Front Axle		
3.1 12,000lb Front Axle		
3.2 12,000lb taper Leaf Suspension w/ Shock Absorbers		
3.3 16.5" x 5" Q+ Brake Shoes w/ Auto Slack Adjusters and Dust Shields		
4.0 Rear Axle		
4.1 21,000lb Rear Axle & with synthetic 75w90 lube		
4.2 23,000lb flat-Leaf Suspension w/ Helper and Radius Rod		
4.3 17T Main Driveline or Equivalent		
4.4 Axle ratio will achieve road speed of 68 mph.		
4.5 16.5" x 7" Q+ Brake Shoes w/ Auto Slack Adjusters and Dust Shields		
5.0 Brake System		
5.1 Anti-Lock Air Brakes		
5.2 Bendix AD-9 Air Dryer with Pull Cables on all Reservoirs.		
6.0 Frame and Wheelbase		
6.1 Front Tow Hooks		
6.2 11/32" x 3-1/2" x 10-15/16" Steel Frame or Equivalent with 120KSI		

6.3 ¼” C-Channel Inner Frame Reinforcement (Stability and Safety)

7.0 Fuel Tanks & Equipment

7.1 50 Gallon Aluminum Fuel tank

7.2 Fuel water Separator with primer

8.0 Cab

8.1 Heavy Duty Non-Automotive Cab.

8.2 Bug screen, LH/RH exterior Grab handles,

8.3 Air Cab Mounts

8.4 Dual West Coast Mirrors, LH & RH 8” Convex Mirrors

8.5 Single 14” Air Horn

8.6 Heater, Defroster, Air Conditioner

8.7 High back air ride driver bucket Seat w/ 2-Man Passenger Seat w/toolbox underneath

8.8 Vinyl Seat Covers for Driver and Passenger

8.9 Cruise Control, Tachometer, Backup Alarm, Oil Pressure Gauge

8.10 Solid state circuit protection & fuses

8.11 2 ½lb Fire Extinguisher and Triangular Reflectors

8.12 Two Cup Holders in Dash

8.13 Electric Windshield Wipers with Delay

8.14 Alternating flashing headlamps with dash switch

8.15 Adjustable Tilt and Telescoping Steering Column

9.0 Tires and Wheels

9.1 Front Tires: 11R/22.5 14 Ply with Highway Tread – 10 Hub Pilot Disc Wheels

9.2 Rear Tires: 11R/22.5 14 Ply with Traction Tread –10 Hub Pilot Disc Wheels

General Chassis Requirements

* Truck to be white in color.

* Must provide parts/warranty/service within 200 mile radius.

* Must provide parts and service manuals with unit.

* Must provide on-site driver training at time of delivery.

BID SHEET

Notice to all Bidders: This bid is contingent on the City obtaining lease purchase financing over a five year period with the option for the City to sell the equipment back to the bidder. No payments shall be due until October 1st 2020.

Please state how many years the body has been manufactured _____ Years

COMPANY SUBMITTING BID: _____

PACKER BODY MANUFACTURER _____

CHASSIS MANUFACTURER _____

Purchase Price _____

5 Year Buyback Amount: _____

LOCATION OF WARRANTY WORK THAT IS PERFORMED BY DEALERSHIP

BODY _____

CHASSIS _____

Delivery - _____ days after receipt of purchase order. (City of Ridgeland, MS)

CONTACT INFORMATION

AUTHORIZED REPRESENTATIVE _____

DATE _____